

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions and listings of claims in the application:

LISTING OF CLAIMS:

Claims 1-9 (canceled).

10. (previously presented): A method of storing or transferring an image along with an image-processing parameter for processing said image, said method comprising, when storing or transferring a second image for storage or transfer which has a second resolution for storage or transfer differing from a reference resolution, the steps of:

correcting a reference image-processing parameter set according to a reference resolution image having said reference resolution, based on a difference between said reference resolution and said second resolution, so that it becomes a second parameter corresponding to said second image;

storing or transferring said second parameter obtained by said correction, along with said second image,

wherein said second parameter comprises at least one transform function.

11. (currently amended): The method according to claim 10, wherein said second parameter comprises a plurality of transform functions and each of said at least one plurality of transform functions respectively corresponds to each image signal of said reference resolution image.

12. (previously presented): A method of storing or transferring an image along with an image-processing parameter for processing said image, and processing said stored or transferred image by use of said stored or transferred parameter, said method comprising, when storing or

transferring a second image for storage or transfer which has a second resolution for storage or transfer differing from a reference resolution, the steps of:

storing or transferring information on a reference image-processing parameter set according to a reference resolution image having said reference resolution and information on said reference resolution along with said second image;

correcting said stored or transferred reference image-processing parameter, based on said stored or transferred information on said reference resolution, so that it becomes a second parameter corresponding to said stored or transferred second image; and

processing said stored or transferred second image by use of said second parameter obtained by said correction,

wherein said second parameter comprises at least one transform function.

13. (currently amended): The method according to claim 12, wherein said second parameter comprises a plurality of transform functions and each of said ~~at least one~~ plurality of transform functions respectively corresponds to each image signal of said reference resolution image.

14. (previously presented): An apparatus for storing or transferring an image along with an image-processing parameter for processing said image, said apparatus comprising:

parameter correction means for correcting a reference image-processing parameter set according to a reference resolution image having a reference resolution, based on a difference between said reference resolution and a second resolution for storage or transfer differing from said reference resolution, so that it becomes a second parameter corresponding to a second image for storage or transfer which has said second resolution; and

means for storing or transferring said second parameter obtained by said correction, along with said second image,

wherein said second parameter comprises at least one transform function.

15. (currently amended): The apparatus according to claim 14, wherein said second parameter comprises a plurality of transform functions and each of said at least one plurality of transform functions respectively corresponds to each image signal of said reference resolution image.

16. (previously presented): A system for storing or transferring an image along with an image-processing parameter for processing said image, and processing said stored or transferred image by use of said stored or transferred parameter, said system comprising:

means for storing or transferring information on a reference image-processing parameter set according to a reference resolution image having a reference resolution and information on said reference resolution, along with a second image for storage or transfer which has a second resolution for storage or transfer differing from said reference resolution;

parameter correction means for correcting said stored or transferred reference image-processing parameter, based on said stored or transferred information on said reference resolution, so that it becomes a second parameter corresponding to said stored or transferred second image; and

means for processing said stored or transferred second image by use of said second parameter obtained by said correction,

wherein said second parameter comprises at least one transform function.

17. (currently amended): The system according to claim 16, wherein said second parameter comprises a plurality of transform functions and each of said at least one plurality of

transform functions respectively corresponds to each image signal of said reference resolution image.

18. (previously presented): An image processor comprising:

parameter correction means for correcting a stored or transferred reference image-processing parameter, based on stored or transferred information on a reference resolution, so that it becomes a second parameter corresponding to a stored or transferred second image; and means for applying a predetermined image process to said stored or transferred second image use of said second parameter obtained by said correction, wherein said second parameter comprises at least one transform function.

19. (currently amended): The system according to claim 18, wherein said second parameter comprises a plurality of transform functions and each of said at least one plurality of transform functions respectively corresponds to each image signal of said reference resolution image.

20. (previously presented): A method of storing or transferring an image along with an image-processing parameter for processing said image, said method comprising, when storing or transferring a second image for storage or transfer which has a second resolution for storage or transfer differing from a reference resolution, the steps of:

correcting a reference image-processing parameter set according to a reference resolution image having said reference resolution, based on a difference between said reference resolution and said second resolution, so that it becomes a second parameter corresponding to said second image;

storing or transferring said second parameter obtained by said correction, along with said second image,

wherein said second parameter is calculated by shifting a reference transform function such that a peak first wavelength of a first image signal corresponding to said reference transform function becomes the same as a second wavelength of a second image signal obtained from information related to the reference resolution image.

Claims 21 and 22 (canceled).